



1AP12 Rec'd PCT/PTO 22 MAY 2007

ATTORNEY DOCKET NUMBER: 2006636-0014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** Transmolecular Inc.

**Examiner:** To be assigned

**U.S. Serial No.:** 10/580,302

**Group Art Unit:** To be assigned

**Filing Date:** May 23, 2006

**International Application No.:** PCT/US04/39325

**International Filing Date:** November 23, 2004

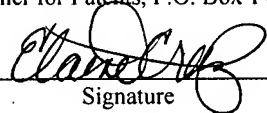
**Title:** TREATMENT OF PHOSPHATIDYLINOSITOL PHOSPHOLIPID DISORDERS

Mail Stop Missing Parts  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Certificate of Mailing**

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 18, 2007  
Date

  
Signature  
Elaine Cruz

Typed or Printed Name of person signing certificate

Sir:

TRANSMITTAL LETTER

Enclosed are the following documents:

1. Response to Notification of Missing Requirements Under U.S.C. 371 in the United States Designated/Elected Office (2 pages);
2. Copy of Notification of Missing Requirements Under U.S.C. 371 in the United States Designated/Elected Office (2 pages);
3. Executed Declarations (5 pages);
4. Credit Card Payment Form authorizing payment of the 37 C.F.R. 1.492(h) surcharge in the amount of \$65.00 (1 page), in view of the small entity status of the application;
5. Petition for 5 Month Extension of Time (2 pages);

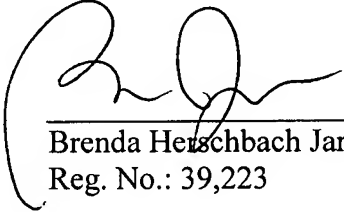
6. Credit Card Payment Form authorizing payment of the 37 C.F.R. 1.17(a)(1) fee in the amount of \$1,080.00 (1 page), in view of the small entity status of the application; and
7. A Return Postcard.

Also enclosed, please find a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 (3 pages) of the above-identified application, which shows the application has claimed small entity status.

If any additional fees are required to be paid or if any overpayment has been made, please charge same to Deposit Account No. 03-1721.

Respectfully Submitted,  
CHOATE, HALL & STEWART

Dated: May 18, 2007



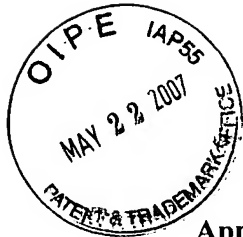
\_\_\_\_\_  
Brenda Herschbach Jarrell, Ph.D.  
Reg. No.: 39,223

CHOATE, HALL & STEWART LLP  
Patent Department  
Two International Place  
Boston, MA 02110  
Telephone: 617-248-5000  
Facsimile: 617-248-4000

05/25/2007 MKAYPAGH 00000088 10580302

01 FC:2617

65.00 DP



**ATTORNEY DOCKET NUMBER: 2006636-0014**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

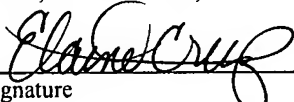
**Applicant:** Transmolecular Inc. **Examiner:** To be assigned  
**U.S. Serial No.:** 10/580,302 **Group Art Unit:** To be assigned  
**Filing Date:** May 23, 2006  
**International Application No.:** PCT/US04/39325 **International Filing Date:** November 23, 2004  
**Title:** TREATMENT OF PHOSPHATIDYLINOSITOL PHOSPHOLIPID DISORDERS

Mail Stop Missing Parts  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Certificate of Mailing**

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 18, 2007  
Date

  
Signature  
Elaine Cruz

Typed or Printed Name of person signing certificate

Sir:

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

In response to the Notification of Missing Requirements Under U.S.C. 371 in the United States Designated/Elected Office, mailed by the U.S. Patent and Trademark Office on October 18, 2006, enclosed herewith are the following:

- a. Copy of Notification of Missing Requirements Under U.S.C. 371 in the United States Designated/Elected Office (2 pages);
- b. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1) (2 pages);
- c. Credit Card Payment Form authorizing payment of the 37 C.F.R. § 1.136(a)(1) Petition for Extension of Time fee in the amount of \$1,080.00 (1 page), in view of the small entity status of the application;
- d. Executed Declarations (5 pages); and

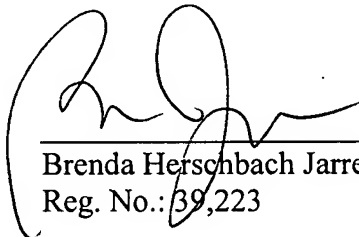
- e. Credit Card Payment Form authorizing payment of the 37 C.F.R. 1.492(h) surcharge amount of \$65.00 (1 page), in view of the small entity status of the application.

Also enclosed, please find a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 (3 pages) of the above-identified application, which shows the application has claimed small entity status

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully Submitted,  
CHOATE, HALL & STEWART

Dated: May 18, 2007

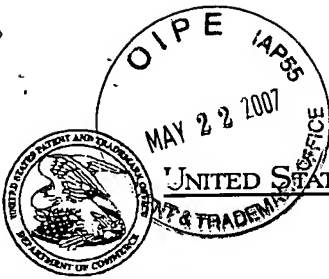


Brenda Herschbach Jarrell, Ph.D.  
Reg. No.: 39,223

CHOATE, HALL & STEWART LLP  
Patent Department  
Two International Place  
Boston, MA 02110  
Telephone: 617-248-5000  
Facsimile: 617-248-4000

Trans

Page 1 of 2

PCT  
3HJ/BA cc\$

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/580,302	FIRST NAMED APPLICANT Transmolecular Inc.	ATTY. DOCKET NO. 20066360014
---	--	---------------------------------

INTERNATIONAL APPLICATION NO. PCT/US04/39325	
I.A. FILING DATE 11/23/2004	PRIORITY DATE

24280  
CHOATE, HALL & STEWART LLP  
TWO INTERNATIONAL PLACE  
BOSTON, MA 02110

MR Requirements  
Due 12-18-06  
Final 5-18-07

CONFIRMATION NO. 1474

371 FORMALITIES LETTER



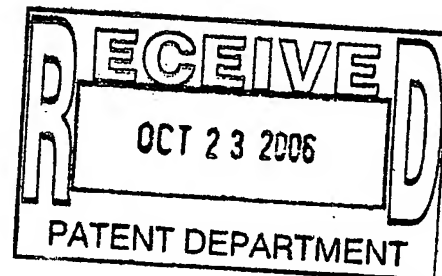
\*OC000000020870445\*

Date Mailed: 10/18/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/23/2006
- Copy of the International Search Report filed on 05/23/2006
- Preliminary Amendments filed on 05/23/2006
- Information Disclosure Statements filed on 05/23/2006
- Biochemical Sequence Diskette filed on 05/23/2006
- Biochemical Sequence Listing filed on 05/23/2006
- U.S. Basic National Fees filed on 05/23/2006
- Substitute Specification filed on 05/23/2006
- Priority Documents filed on 05/23/2006
- Power of Attorney filed on 05/23/2006
- Specification filed on 05/23/2006
- Claims filed on 05/23/2006
- Abstracts filed on 05/23/2006
- Drawings filed on 05/23/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the

missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,302	PCT/US04/39325	20066360014